BYOD

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Summary of Planned Research

The need for more technology in the classroom and the desire to have students use technology at home for education has powered a movement to encourage use of personal devices in the classroom. This movement, known as “bring your own devices”(BYOD) has met with both enthusiasm and opposition. Our search of current literature will bring to light both the advantages and disadvantages of BYOD for K-12 as well as the necessary technology updates and recommendations for a BYOD policy.

Link to Wiki: <https://lu-byod.wikispaces.com/>

Research Outline

1. Introduction
   1. Short History of BYOD (Where it started, how it got introduced in schools)
2. Present Basis for Need
   1. Common Core and Smart Balance
      1. Digital Literacy
      2. Strengths and limitations of various technological tools and mediums
   2. Lack of true technology implementation
3. Benefits of BYOD
   1. Who will benefit?
      1. Special Needs
         1. English Learners
         2. Learning Disabilities
         3. Students with physical disabilities
   2. Cost Benefits
   3. Students can continue using technology for learning at home
4. Disadvantages
   1. Students without their own devices
      1. Inequality in the classroom
      2. Constrains student creativity
   2. Difficulty for instructor having student son different devices
5. IT Concerns
   1. Security (overview of concerns, details will be covered in the "Impact on IT" section below.)  
      Serious topic, will vary from school district to school district, depends on how the district wants to approach securing their network.
   2. Support (overview of concerns, details to be covered in "Impact on IT" section below.)  
      Once again, depends on the district, IT might support, or technicians might be hired for each school to support.
6. How to implement BYOD
   1. What devices work best? Smartphones, laptop computers, tablet devices work best because of their mobility factor.
   2. What classrooms benefit most? Humanities (English, Social Sciences) Sciences, Mathematics
   3. BYOD Policy
      1. What is BYOD?
      2. Why bring your own device?
      3. What are the benefits of BYOD?
      4. What are issues with BYOD?
      5. Guidelines for using BYOD
   4. Accountability within the classroom
7. How will BYOD actually influence instruction?
   1. Flipped-Mastery Model
   2. Empower students to find answers
8. Impact on IT Departments
   1. Equipment/Software Required
   2. Permitted Devices (What is allowed to be used as a BYOD device)
   3. Technical Support Concerns (Who will support BYOD devices?)
   4. Security Concerns (Details on security measures in a BYOD
9. Conclusion

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